

NODE AND MOBILE DEVICE FOR A MOBILE TELECOMMUNICATIONS
NETWORK PROVIDING INTRUSION DETECTION

5 ABSTRACT OF THE INVENTION

A mobile device operable in a mobile telecommunications network comprising a memory module for storing data in machine readable format for retrieval and execution by a central processing unit and an operating system operable to execute an intrusion detection application stored in the memory module is provided. A node of a
10 network for managing an intrusion detection system comprising a memory module for storing data in machine readable format for retrieval and execution by a central processing unit and an operating system comprising a network stack comprising a protocol driver and a media access control driver and operable to execute an intrusion protection system management application, the management application operable to
15 receive text-file input defining a network-exploit rule and convert the text-file input into a signature file comprising machine-readable logic representative of an exploit-signature, the node operable to transmit the signature file to a mobile device over a radio frequency link is provided.

20